## DERRELL C. BIRCH MAYMOND C. STEWART JOSEPH A. KOLABCH JAMES M. SLATTERY HERNARD L. SWEENEY\* HICHAEL K. MUTTER CHARLES GORENSTEIN GERALD M. MURPHY, JR LEONARD R. SVENSSON TERRY L. CLARK ANDREW D. MEIKLE MARC S. WEINER JOE MCKINNEY MUNCY ROBERT J. KENNEY DONALD J. DALEY

## BIRCH, STEWART, KOLASCH & BIRCH, LLP

## INTELLECTUAL PROPERTY LAW

8110 GATEHOUSE ROAD SUITE 500 EAST FALLS CHURCH, VA 22042-1210 USA

(703) 205-8000

FAX (703) 205-8050 (703) 698-8590 (G IV)

e-mail mailroom@bskb.com web: http://www.bskb.com

CALIFORNIA OFFICE COSTA MESA, CALIFORNIA JAMES T ELLER, JR
SCOTT L LOWE
D RICHARD ANDERSON
PAUL C LEWIS
MARK W MILSTEAD\*
RICHARD J GALLAGHER
JAYNE M SAYDAH\*
MARYANNE ARMSTRONG, PH D
KECIA J REYNOLDS
ROBERT L SCOTT, II
KALPANA REDDY
LARRY J HUME

REG PATENT AGENTS
FREDERICK R HANDREN
MAKI HATSUMI
CRAIG A McROBBIE
GARTH M DAHLEN, PH D
ROBERT E GOOZNER, PH D
MATTHEW J LATTIG
TIMOTHY R WYCKOFF
KRISTI L RUPERT, PH D
HRAYR A SAYADIAN, PH D
MATTHEW J SHANDLEY
JASON W RHODES
CHRISTINA F ANNICK
SUSAN W GORMAN, PH D.
DAVID J CHO

Date: September 21, 2001

Docket No.: 3313-0383P-SP

Assistant Commissioner for Patents
Box PATENT APPLICATION
Washington, D.C. 20231

JSir:

J

Transmitted herewith for filing is the patent application of

Inventor(s): TANG, Chih-Chien

For:

ļ.

METHOD AND DEVICE FOR UPDATING KEYBOARD CONTROLLER BIOS

THROUGH SERIAL PORT

## Enclosed are:

JOHN W. BAILEY
JOHN W. BAILEY
JOHN A. CASTELLANO
GARY D. YACURA
THOMAS S. AUCHTERLONIE
MARK J. NUELL, PH D

OF COUNSEL
HERBERT M. BIRCH (1905-1996)
ELLIOT A. GOLDBERG\*
WILLIAM L. GATES\*
EDWARD H. VALANCE
RUPERT J. BRADY (RET.)\*
F. PRINCE BUTLER

\*ADMITTED TO A BAR OTHER THAN VA

FRED S. WHISENHUNT JAMES W. HELLWEGE

OF COUNSEL

<u>X</u>	A	specification	consisting	of	<u>11</u>	pages
----------	---	---------------	------------	----	-----------	-------

X 4 sheet(s) of FORMAL drawings

 $\underline{X}$  An assignment of the invention - \$40.00 Recording Fee

\_\_\_ Certified copy of Priority Document(s)

X Executed Declaration X Original Photocopy

\_\_\_\_ Applicant claims small entity status in accordance with 37 CFR 1.27

\_\_\_ Application Data Sheet in accordance with 37 C.F.R. 1.76

	•							
_	Prelimir	nary Amendmer	ıt					
_	Informat	cion Disclosu	ıre Statemer	ıt, PTO-	1449 and	l re	eference(	s)
_	Other							
_	Applicar	nt requests e	early public	cation				
7	The filing fe	ee has been o	calculated a	as shown	n below:			
	J				ENTITY		SMALL EN	TITY
i	FOR	NO. FILED	NO. EXTRA	RATE	FEE		RATE	FEE
	BASIC FEE	**********	*****		\$710.00	or	**** ****	\$355.00
	TOTAL CLAIMS	15 - 20 =	0	x18 =\$	0.00	or	x 9 = \$	0.00
The state of the s	INDEPENDENT	2 - 3 =	0	x80 =\$	0.00	or	x 40 = \$	0.00
	MULTIPLE D		<u>o</u>	+270 =	\$ 0.00	or	+135 = \$	0.00
				TOTAL \$	710.00	•	TOTAL \$	0.00
Parties of the same of the sam	X A chec record	k in the amo	unt of \$ <u>7</u> applicable)	50.00 is enc	to cover losed.	th	e filing	fee and
•	Please \$_ enclos		sit Account plicate cop	No. 02 y of th	-2448 in is trans	th mit	e amount tal form	of is
	No fee	is enclosed						
	P	lease send c	orresponden	ce to:				

BIRCH, STEWART, KOLASCH & BIRCH, LLP or Customer No. 2292 P.O. Box 747
Falls Church, VA 22040-0747
Telephone: (703) 205-8000

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. 1.16 or under 37 C.F.R. 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

JOE MCKINNEY MUNCY

Reg. No. 32, 334 P. O. Box 747

Falls Church, Virginia 22040-0747

(703) 205-8000 KM/sl